

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... MAY 14 1965

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... SEP 17 1964 under 22163

The applicant..... NEVADA POWER COMPANY

of..... Las Vegas....., County of..... Clark.....

State of..... Nevada....., hereby make.... application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)..... Date of incorporation.....

Feb. 7, 1929, in the State of Nevada.....

1. The source of the proposed appropriation is..... Underground Meadow Valley Wash.....
Name of stream, lake or other source.2. The amount of water applied for is..... 345.5 (157.0 G.P.M.)..... second-feet
One second-foot equals 448.83 gals. per min.

..... (a) If stored in reservoir give number of acre-feet..... None..... acre-feet

3. The water to be used for..... Industrial (Cooling).
Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

..... (a) Irrigation (state number of acres to be irrigated)

..... (b) Stockwater (state number and kinds of animals to be watered)

..... (c) Other use (describe fully under "No. 11. Remarks")

..... (d) Power:

..... (1) Horsepower developed..... (110,000 kilowatts.) 147,453 horsepower

..... (2) Point of return of water to stream..... None

5. The water is to be diverted from its source at the following point: N $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26, T. 14 S.,

R. 66 E., MDB&M at a point from which the South One Quarter Section

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

corner of said Section 26 bearing South 12°19'10" East a distance of
it should be stated. 1,295.1 feet.

6. Place of use..... Portion of Section 5, T. 15 S., R. 66 E., M.D.B.&M.

Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about..... January 1..... and end about..... December 31....., of each year.

Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and

specifications of your diversion or storage works.) The well has a 16" casing from grade to 235 feet. It has been perforated from 100 feet to 225 feet. It is planned to set the pump at 100 feet. The proposed pumping plant shall

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

consist of a two stage pump utilizing 12" bowls and 10" column driven by a 50 H.P. electric motor which shall include the necessary control panel.

\$12,000 for cost of well and pumping plant.

9. Estimated cost of works.....Cost of 330,000 kilowatt plant, 50 million dollars

10. Estimated time required to construct works.....90 days for pumping plant only.....

11. Remarks....The amount of water applied for from this well No. 4 and Well No. 5 (see accompanying application) has been based on the estimated output of one 110,000 kilowatt steam electric generating unit. The figure used is conservative, however, it is not possible prior to actual operation to establish the exact requirement. The actual water use is for makeup to the cooling tower. We expect to develop Wells 4 & 5 to serve as back up for wells 1, 2 & 3.

Applicant NEVADA POWER COMPANY

s/ James H. Zornes, Executive Engineer
Power Plants

By s/ Elmer Johnson

Elmer Johnson, President

Compared.....ns/hs.....ns/hs.....
Pro. July 14, 1965 by L.J. & Vera McCormick
Overruled 9/9/65 #816

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 3.5 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening and an air line for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....3.5.....cubic feet per second.

Actual construction work shall begin on or before.....April 13, 1966.....

Proof of commencement of work shall be filed before.....May 13, 1966.....

Work must be prosecuted with reasonable diligence and be completed on or before.....April 13, 1967.....

Proof of completion of work shall be filed before.....May 13, 1967.....

Application of water to beneficial use shall be made on or before.....April 13, 1969.....

Proof of the application of water to beneficial use shall be filed on or before.....May 13, 1969.....

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....APR 8 1966

Completion of work filed.....JUN 7 1970

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

Recorded.....Bk.....Page.....

County Recorder.....

WITNESS MY HAND AND SEAL this 13th day

of October, 1965.

Solan O.R. Witzigare
Assistant State Engineer